

**PIERCE PEPIN COOPERATIVE SERVICES
ELLSWORTH, WISCONSIN**

POSITION OPENING

BROADBAND NETWORK GIS DESIGNER

Pierce Pepin Cooperative Services (PPCS), located in Ellsworth, WI, seeks a **Broadband Network GIS Designer** to support the growth and expansion of our fiber optic broadband network, SwiftCurrent Connect. PPCS is a growing electric cooperative that serves over 7,000 members in western Wisconsin. Our broadband subsidiary, SwiftCurrent Connect, provides fiber internet to over 5000 customers and is rapidly growing. This individual will play a key role in network planning, mapping, and design as we expand service areas using BEAD funding from NTIA. The ideal candidate will understand GIS systems and the ability to collaborate with contractors, consultants, landowners, and customers. Experience with designing fiber networks is preferable, but not a requirement.

With convenient access to the Twin Cities metro areas of Minneapolis/St. Paul, MN, living and working in our service area provides tremendous opportunities for professional and personal rewards. PPCS seeks an experienced professional who understands the need for accuracy and has a passion for details. PPCS is seeking a dynamic individual looking for new challenges and to help PPCS members Live Better®.

Essential Job Duties

The Broadband Network GIS Designer supports the planning, design, and implementation of fiber optic networks through detailed GIS-based design and field validation. This position develops and maintains accurate network maps, performs on-site route assessments, and collaborates with contractors, engineers, and stakeholders to ensure efficient and compliant network construction. This position assists in resolving right-of-way challenges, verifies design accuracy during and after construction, and maintains up-to-date documentation and as-built records. This role plays a key part in ensuring high-quality broadband infrastructure that meets technical, regulatory, and project standards.

- **Fiber Network Design**
 - Develop detailed fiber optic network designs using GIS tools.
 - Construct and edit fiber route designs, incorporating both aerial and underground infrastructure.
 - Utilize Vetro Fiber Mapping or similar software to manage network planning and design.
- **Field Work & Validation**
 - Conduct field ride-outs to assess and validate proposed routes.
 - Confirm placement of fiber lines, pedestals, splice cases, vaults, and other network elements.
 - Perform real-time design edits in the field as necessary.
- **Stakeholder Engagement**
 - Coordinate with customers, landowners, municipalities, and other stakeholders to ensure minimal disruption during fiber placement.
 - Resolve right-of-way or easement challenges with assistance from other employees.
- **Collaboration & Vendor Support**
 - Work closely with construction contractors, consultants, and equipment vendors.

- Support managers in ensuring design and construction align with funding requirements and project timelines.
- **Quality Assurance**
 - Provide QA/QC oversight on fiber buildouts, ensuring design accuracy and adherence to specifications.
 - Document and record all “as-builts” in the mapping system.
 - Assist with updating GIS databases to reflect current and completed projects.

Knowledge, Skills, and Abilities

- Associate or bachelor’s degree in GIS, Geography, Engineering, Telecommunications, or relevant degree is preferred.
- 2–5 years of experience in GIS mapping, network design, or telecommunications infrastructure (fiber preferred).
- Experience using GIS platforms such as Esri ArcGIS, ArcGIS Pro, or Vetro Fiber Mapping (or similar network design software) is preferred.
- Fieldwork experience with fiber optic or utility networks is desirable.
- Familiarity with NTIA BEAD-funded project and associated compliance requirements.
- Knowledge of permitting and right-of-way acquisition processes.
- Experience working in a team-oriented, collaborative environment.
- Demonstrate cooperative shared values and embodies servant leadership.

Conditions of Employment

- Must be able to meet physical requirements of the position.
- Must be able to pass a background check.

Compensation and Benefits

PPCS offers a competitive compensation and benefits package. Salary based on experience.

How to Apply

To apply, please email a cover letter and resume to Charity Lubich, clubich@piercepepin.coop. A full position description and instructions to apply can be reviewed at www.piercepepin.coop/careers-ppcs.

PPCS is an Equal Opportunity Employer and values diversity.